



PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 8

Complete if Known

Application Number	10/054,619
Filing Date	January 22, 2002
First Named Inventor	Richard J. Melker
Group Art Unit	3736
Examiner Name	Navin Natnithithadha
Attorney Docket Number	UF-270

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (if known)			
[Handwritten initials]	U1	3,567,029		03-02-1971	Quame	
	U2	3,792,272		02-12-1974	Harte <i>et al.</i>	
	U3	3,608,546		09-28-1971	Shinn	
	U4	3,877,291		4-15-1975	Hoppesch <i>et al.</i>	
	U5	3,955,926		5-11-1976	Fischer	
	U6	4,150,670		04-24-1979	Jewett <i>et al.</i>	
	U7	4,215,409		07-29-1980	Strowe	
	U8	4,314,564		02-09-1982	Albarda	
	U9	4,334,540		6-15-1982	Preti <i>et al.</i>	
	U10	4,346,584		08-31-1982	Boehringer	
	U11	4,349,626		9-14-1982	Labows <i>et al.</i>	
	U12	4,432,226		02-21-1984	Dempster	
	U13	4,456,014		06-26-1984	Buck <i>et al.</i>	
	U14	4,534,360		8-13-1985	Williams	
	U15	4,735,777		04-05-1988	Mitsui <i>et al.</i>	
	U16	4,772,559		9-20-1988	Preti <i>et al.</i>	
	U17	4,868,545		09-19-1989	Jones	
	U18	5,082,630		01-21-1992	Partin <i>et al.</i>	
	U19	5,094,235		03-10-1992	Westenskow <i>et al.</i>	
	U20	5,111,827	A	05-12-1992	Rantala	
	U21	5,167,972	A	12-01-1992	Greenberg <i>et al.</i>	
	U22	5,296,706	A	03-22-1994	Braig <i>et al.</i>	
	U23	5,303,575	A	04-19-1994	Brown <i>et al.</i>	
	U24	5,361,771	A	11-08-1994	Craine <i>et al.</i>	
	U25	5,409,839	A	04-25-1995	Balestrieri <i>et al.</i>	
	U26	5,425,374	A	06-20-1995	Ueda <i>et al.</i>	
	U27	5,447,165	A	09-05-1995	Gustafsson	

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Date
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7/19/05

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/054,619
				Filing Date	January 22, 2002
				First Named Inventor	Richard J. Melker
				Group Art Unit	3736
				Examiner Name	Navin Natnithithadha
Sheet	2	of	8	Attorney Docket Number	UF-370

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (if known)			
Na	U28	5,453,359	A	09-26-1995	Gargan <i>et al.</i>	
	U29	5,482,601	A	1-09-1996	Ohshima <i>et al.</i>	
	U30	5,495,744	A	03-05-1996	Ueda <i>et al.</i>	
	U21	5,501,212	A	03-26-1996	Psaros	
	U32	5,558,083	A	09-24-1996	Bathe <i>et al.</i>	
	U33	5,634,517	A	06-03-1997	Linden <i>et al.</i>	
	U34	5,571,401	A	Lewis <i>et al.</i>	11-05-1996	
	U35	5,573,955	A	11-12-1996	Khanna <i>et al.</i>	
	U36	5,645,072	A	7-08-1997	Thrall <i>et al.</i>	
	U37	5,716,852	A	02-10-1998	Yager <i>et al.</i>	
	U38	5,783,449	A	7-21-1998	Kuznetsov	
	U39	5,801,297	A	09-01-1998	Mifsud <i>et al.</i>	
	U40	5,826,577	A	10-27-1998	Perroz <i>et al.</i>	
	U41	5,861,254	A	1-19-1999	Schneider <i>et al.</i>	
	U42	5,866,434	A	Massey <i>et al.</i>	02-02-1999	
	U43	5,891,398	A	04-06-1999	Lewis <i>et al.</i>	
	U44	5,925,014	A	07-20-1999	Teeple Jr.	
	U45	5,928,167	A	07-27-1999	Wagner <i>et al.</i>	
	U46	5,932,877	A	08-03-1999	Braig <i>et al.</i>	
	U47	5,958,896	A	09-28-1999	Renshaw <i>et al.</i>	
	U48	5,996,586	A	12-07-1999	Phillips	
	U49	6,007,775	A	12-28-1999	Yager	
	U50	6,025,200	A	02-15-2000	Kaish <i>et al.</i>	
	U51	6,057,162	A	5-02-2000	Rounbehler <i>et al.</i>	
	U52	6,063,243	A	5-16-2000	Zettl <i>et al.</i>	
	U53	6,067,167	A	5-23-2000	Atkinson <i>et al.</i>	
	U54	6,074,345	A	06-13-2000	Van Oostrom <i>et al.</i>	
	U55	6,094,681		07-25-2000	Shaffer <i>et al.</i>	

Examiner Signature		Date Considered	7/19/05
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NA	U56	6,097,485	A	08-01-2000	Lievan	
	U57	6,120,443	A	09-19-2000	Cohen-Laroque	
	U58	6,131,571	A	10-17-2000	Lampotang <i>et al.</i>	
	U59	6,153,147	A	11-28-2000	Craig	
	U60	6,190,858	B1	2-20-2001	Persaud <i>et al.</i>	
	U61	6,203,814	B1	3-20-2001	Fisher <i>et al.</i>	
	U62	6,221,026	B1	4-24-2001	Phillips	
	U63	6,234,006	B1	05-22-2001	Sunshine <i>et al.</i>	
	U64	6,237,397	B1	05-29-2001	Shinar <i>et al.</i>	
	U65	6,248,078	B1	6-19-2001	Risby <i>et al.</i>	
	U66	6,261,783	B1	7-17-2001	Jayasena <i>et al.</i>	
	U67	6,264,913	B1	07-24-2001	Wagner	
	U68	6,277,081	B1	08-21-2001	Susi <i>et al.</i>	
	U69	6,283,953	B1	09-04-2001	Ayer <i>et al.</i>	
	U70	6,303,316	B1	10-16-2001	Kiel <i>et al.</i>	
	U71	6,312,390	B1	11-06-2001	Phillips	
	U72	6,328,708	B1	12-11-2001	Georgieff	
	U73	6,341,520	B1	01-29-2002	Satoh <i>et al.</i>	
	U74	6,363,772	B1	4-02-2002	Berry	
	U75	6,387,329	B1	5-14-2002	Lewis <i>et al.</i>	
	U76	6,399,302	B1	6-04-2002	Lannigan <i>et al.</i>	
	U77	6,416,479	B1	07-09-2002	Seidman	
	U78	6,455,319	B1	09-24-2002	Lewis <i>et al.</i>	
	U79	6,467,333	B2	10-22-2002	Lewis <i>et al.</i>	
	U80	6,479,019	B1	11-12-2002	Goldstein <i>et al.</i>	
	U81	6,495,824	B1	12-17-2002	Atkinson	
	U82	6,511,453	B2	01-28-2003	Georgieff	
	U83	6,558,626	B1	05-06-2003	Aker <i>et al.</i>	
	U84	6,589,727	B1	07-08-2003	Klenerman <i>et al.</i>	
	U85	6,597,438	B1	07-22-2003	Cabuz <i>et al.</i>	
NA	U86	6,598,459	B1	07-29-2003	Fu	

Examiner Signature	<i>Navin Natnithithadha</i>	Date Considered	7/19/05
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Sheet 4 of 8

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Application Number	10/054,619
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		Number	Kind Code ² (if known)			
RM	U87	6,599,253	B1	07-29-2003	Baum <i>et al.</i>	
	U88	6,599,281	B1	07-29-2003	Struys <i>et al.</i>	
	U89	6,620,800	B1	09-16-2003	Roberts II	
	U90	6,631,333	B1	10-07-2003	Lewis <i>et al.</i>	
	U91	6,680,377	B1	01-20-2004	Stanton <i>et al.</i>	
	U92	6,727,075	B2	04-27-2004	Fitzgerald <i>et al.</i>	
	U93	6,755,783	B2	06-29-2004	Cosentino <i>et al.</i>	
	U94	2001/0021815	A1	09-13-2001	Katzman <i>et al.</i>	
	U95	2001/0046674	A1	11-29-2001	Ellington	
	U96	2001/0050228	A1	12-13-2001	Jaeger	
RM	U97	2001/0055544	A1	12-27-2001	Copp	
	U98	2002/0007687	A1	01-24-2002	Zimmermann <i>et al.</i>	
	U99	2002/0068295	A1	6-06-2002	Madou <i>et al.</i>	
	U100	2002/0034757	A1	3-21-2002	Cubiciotti	
	U101	2002/0177232	A1	11-28-2002	Melker <i>et al.</i>	
	U102	2003/0004426	A1	01-02-2003	Melker <i>et al.</i>	
	U103	2003/0059820	A1	03-27-2003	Vo-Dinh	
	U104	2003/0087239	A1	05-08-2003	Stanton <i>et al.</i>	
	U105	2003/0139681	A1	07-24-2003	Melker <i>et al.</i>	
	U106	2003/0119065	A1	06-26-2003	Lin <i>et al.</i>	
RM	U107	2003/0216660	A1	11-20-2003	Ben-Oren <i>et al.</i>	
	U108	2004/0027246	A1	02-12-2004	Aguglia	
	U109	2004/0101477	A1	05-27-2004	Leyland-Jones	
	U110	2005/0065446	A1	03-24-2005	Talton	
	U111	09/708,789 (Application No.)		11-08-2000 (Date Filed)	Lampotang <i>et al.</i>	
	U112					
	U113					
	U114					
	U115					
	U116					

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		Code ⁵ Office ³ (known)	Kind Number ⁴ (if				
ND	F1		DE 19607646 (English Abstract)	A1	Muehlenberg <i>et al.</i>	09-11-1997	
	F2		DE 29902593 (English Abstract)		Genzyme Virotech GmbH	08-26-1999	
	F3		EP 0 370 151	A1	L'Air Liquide, S. A.	05-30-1990	
	F4		EP 0 979 997 (English Abstract)	A1	Siemens AG	02-16-2000	
	F5		GB 829,409	A	Governors of the United Birmin	03-02-1960	
	F6		GB 2 309 166	A	Cleansharp Limited	07-23-1997	
	F7		GB 2 329 245	A	Cavkit Limited	03-17-1999	
	F8		JP 08313407 (English Abstract)	A	Suzuki Motor Corp.	11-29-1996	
	F9		JP 09196915 (English Abstract)	A	Otsuka Pharmaceut Co. Ltd.	07-31-1997	
	F10		RU 2104535 C1 (English Abstract)		Kogan <i>et al.</i>	02-10-1998	
	F11		WO 87/02773	A1	Autosense Corp.	05-07-1987	
	F12		WO 95/08113	A1	Alpha M.O.S.	03-23-1995	
	F13		WO 98/57145	A1	Quadrivium, L.L.C.	12-17-1998	
	F14		WO 00/25108	A1	Copp Life Systems	05-04-2000	
	F15		WO 00/79243	A1	Cyrano Sciences, Inc.	12-28-2000	
	F16		WO 2002/079514	A1	The Trustees of Boston College	10-10-2002	
	F17		WO 03/016901	A1	Samsung Electronics Co., Ltd.	02-27-2003	
ND	F18		WO 2004/065404	A1	University of Florida Research Foundation, Inc.	08-05-2004	

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OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
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AN	R1	BRODY, E. N. <i>et al.</i> , "Aptamers as Therapeutic and Diagnostic Agents," <i>Reviews in Molecular Biotechnology</i> (2000), Volume 74, pages 5-13.	
	R2	BRODY <i>et al.</i> "The use of Aptamers in Large Arrays for Molecular Diagnostics," <i>Molecular Diagnosis</i> (1999), Volume 4, number 4, pages 381-388.	
	R3	DICKINSON, T. A. <i>et al.</i> , "Current Trends in 'Artificial-Nose' Technology," <i>Tib Tech</i> , 1998, 16:250-258.	
	R4	FISHER <i>et al.</i> "A man-portable chemical sniffer utilizing Novel Fluorescent polymers for detection of ultra-trace concentrations of explosives emanating from landmines," <i>Nomadics Inc.</i> (2000), PAGES 1-10.	
	R5	GANGA-ZANDZOU, P.S. <i>et al.</i> "A 13C-urea breath test in children with Helicobacter pylori infection: validity of the use of a mask to collect exhaled breath sample," <i>Acta. Paediatr.</i> (2001), Volume 90, pages 232-233.	
	R6	HAMMON III, W. S. <i>et al.</i> , "Forensic GPR: Finite-Difference Simulations of Responses From Buried Human Remains," <i>Journal of Applied Geophysics</i> , (2000), 45:171-186.	
	R7	HONG, C. <i>et al.</i> , "Carbon Nanotube-Enhanced Electrochemical DNA Biosensor for DNA Hybridization Detection" (2003), <i>Anal. Bioanal. Chem.</i> , 375:287-293.	
	R8	LIEBICH <i>et al.</i> "Volatile Substances in Blood Serum: a Profile Analysis and Quantitative Determination," <i>Journal of Chromatography</i> (1977), Volume 142, pages 505-516.	
	R9	MILLER III, E. R. <i>et al.</i> , "Association Between Cigarette Smoking and Lipid Peroxidation in a Controlled Feeding Study," <i>Circulation</i> , (1997), 96(4):1097-1101.	
	R10	MUELLER <i>et al.</i> "Experience in mass spectrometric identification in acute poisoning," <i>Beitr. Diagn. Ther. Akuter. Intox., Vortr. Symp. 4th</i> (1982), pages 126-134, ABSTRACT ONLY.	
	R11	PANTAROTTO D. <i>et al.</i> , "Synthesis, Structural Characterization, and Immunological Properties of Carbon Nanotubes Functionalized with Peptides" (2003), <i>J. Am. Chem. Soc.</i> , 125:6160-6164.	

Examiner Signature	<i>Navin Natnithithadha</i>	Date Considered	7/19/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/054,619
		Filing Date	January 22, 2002
		First Named Inventor	Richard J. Melker
		Group Art Unit	3736
		Examiner Name	Navin Natnithithadha
Sheet 7 of 8	Attorney Docket Number	UF-270	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>Ad</i>	R12	PAVLOU and TURNER. "Sniffing out the truth: Clinical Diagnosis Using the Electronic Nose," <i>Clin. Chem. Lab. Med.</i> (2000), Volume 38, number 2, pages 99-112.	
	R13	PERRI, F. "Diagnosis of <i>Helicobacter pylori</i> infection: which is best? The urea breath test," <i>Dig. Liver. Dis.</i> (2000), Volume 32, Supp. 3, pages S196-198.	
	R14	PHILLIPS, M., "Breath Tests in Medicine," <i>Scientific American</i> , 1992, pages 52-57.	
	R15	Pilar Kraman, "Prescription Drug Diversion," <i>Trends Alert</i> provided by the Council of State Government at www.csg.org (April 2004).	
	R16	ROGERS <i>et al.</i> "Fiber-optic biosensors based on total internal-reflection fluorescence," <i>American Chemical Society</i> (1992), Ch. 13, pages 165-173.	
	R17	STUART, B. H. <i>et al.</i> , "Studies of Adipocere Using Diffuse Reflectance Infrared Spectroscopy," <i>Vibrational Spectroscopy</i> , 24:233-242, (2000).	
	R18	STUBBS, D. D. <i>et al.</i> , "Investigation of Cocaine Plumes Using Surface Acoustic Wave Immunoassay Sensors," <i>Anal. Chem.</i> , 75:6231-6235, (2003).	
	R19	TRACQUI, A. <i>et al.</i> "Systematic Toxicological Analysis Using HPLC/DAD," <i>Journal of Forensic Sciences</i> (1995), Volume 40, Number 2, pages 254-262.	
	R20	U.S. FOOD AND DRUG ADMINISTRATION, "FDA White Paper, Protecting the Public Health: FDA Pursues and Aggressive Enforcement Strategy," www.fda.gov/oc/whitepapers/enforce.html (06-30-2003).	
<i>Y</i>	R21	U.S. FOOD AND DRUG ADMINISTRATION, "New FDA Initiative to Combat Counterfeit Drugs," www.fda.gov/oc/initiatives/counterfeit/background.html (07-02-2004).	
<i>NU</i>	R22	UNITED STATES DEPARTMENT OF JUSTICE, "Review of the Drug Enforcement Administration's (DEA) Control of the Diversion of Controlled Pharmaceuticals," Report Number I-2002-010 www.usdoj.gov/oig/inspection/DEA/0210/background.htm (September 2002).	

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<i>NA</i>	R23	VASS, A., "Beyond the Grave – Understanding Human Decomposition," <i>Microbiology Today</i> , Nov. 2001, 28:190-192.	
<i>NA</i>	R24	VASS, A. <i>et al.</i> , "Decomposition Chemistry of Human Remains: A New Methodology for Determining the Postmortem Interval," <i>J. Forensic Sci.</i> , (2002), 47(3):542-553.	
<i>NA</i>	R25	VASS, A. <i>et al.</i> , "Detection of Buried Human Remains Using Bioreporter Fluorescence," U.S. Dept. of Energy Report, Y/NSP-726 (2001).	
	R26		
	R27		
	R28		
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